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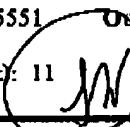
November 22, 2005

**TO:** U.S. Serial No. 10/620,477 **Company:** U.S. Patent and Trademark Office

**Fax #:** 571-273-8300 **City/State:** Alexandria, VA 22313

Mail Stop AF

**FROM:** Steven P. Wigmore **5551 Our Ref. #:** 07982.105018

**NUMBER OF PAGES (including transmittal sheet):** 11 

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### Notes/Comments:

#### Documents Submitted Via Facsimile:

Applicant: Andrew Joo Kim et al.

Serial No.: 10/620,477

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization for Optimal High Speed Multilevel Signal Decoding

Papers Faxed:  Amendment Transmittal (1-pg.); After-Final Response Under 37 C.F.R. § 1.116 (7-pgs.); PTO-1449 Form (1-pg.); Copy of Postcard Receipt (1-pg.)

## PATENTS

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of:

Docket No. 07982.105018

Andrew Joo Kim et al.

Serial No.: 10/620,477

Art Unit 2637

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization  
for Optimal High Speed Multilevel Signal  
Decoding

Examiner: Q. Ghulamali

Confirmation No.: 8614

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 22, 2005

Sir:

Transmitted herewith are papers in the above-identified application.

After-Final Response Under § 37 C.F.R. 1.116.  
 An additional fee is not required.  
 The additional fee is calculated as shown below:

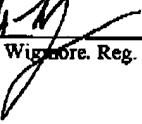
	SMALL ENTITY			LARGE ENTITY				
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
TOTAL	23	MINUS	32=	0	x25	\$0	x50	\$0
INDEP.	3	MINUS	4=	0	x100	\$0	x200	\$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS				+180	\$	+360	\$0	
				<b>TOTAL ADDITIONAL FEE</b>	<b>\$0</b>		<b>\$0</b>	

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR § 1.16, or to credit any overpayment to Deposit Account No. 11-0980.

I hereby certify that this correspondence is being facsimile transmitted to Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Q. Ghulamali, GAU 2637, Facsimile No. (571) 273-8300 on November 22, 2005.

Steven P. Wigmore, Reg. No. 40,447

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By:   
Steven P. Wigmore, Reg. No. 40,447

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Andrew Joo Kim et al. ) Art Unit: 2637  
Serial No. 10/620,477 ) Confirmation No.: 8614  
Filed: July 15, 2003 ) Examiner: Q. Ghulamali  
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Decoding )

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AFTER-FINAL RESPONSE UNDER 37 C.F.R § 1.116

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November 22, 2005

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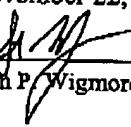
Responsive to the Official Office Action mailed on August 25, 2005, the Applicants submit the following amendments and remarks for the Examiner's consideration.

AMENDMENT

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

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